

Amendments to the Specification:

Please replace the paragraph beginning at page 32, line 12, with the following amended paragraph:

When the transmission gate 1211 is ON, the shift ~~register~~register functions as a right shift register since a start pulse signal is supplied to the flip-flop 1210 on the most left side. On the other hand, when the transmission gate 1212 is ON, the shift register functions as a left shift register since a start pulse signal is supplied to flip-flop 1210 on the most right side.